## REMARKS

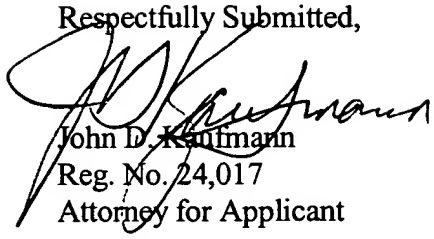
The amendments to the Written Description correct inadvertent typographical errors. The narrowing amendments to Claims 7 and 9 incorporate the substance of the claim from which they originally depended (Claim 1) while at the same time making changes in the wording of original Claim 1 to improve readability of the amended claims. Claims 17-20 have been amended by narrowing them. These amendments comprise incorporating into Claim 17 the substance of Claim 16 –with changes in the wording thereof to improve readability—and making Claims 18-20 ultimately dependent on amended Claim 17. Claim 19 has also been broadened in one regard: It now requires that more than two point pairs be selected instead of requiring four point pairs. New Claims 21 and 22 limit amended Claim 19 to situations where ate least three or at least four point pairs are used. See Page 13, lines 8-15 and page 16, lines 6-10. The foregoing claims or their parent claims have been narrowed/amended in the manner suggested by the Examiner to secure allowance thereof.

New Claim 23, comprises a combination of original claim 15 and original Claim 1, with the "storage platform" of the claim defined in structural terms complementary to the functional terms in amended Claim 17. Since the scope of new Claim 23 is narrower than the scope of amended Claim 17 –the latter having been indicated by the Examiner to be allowable—Claim 23 is also allowable.

In view of the foregoing amendments and remarks, this application is believed to be in condition for allowance, and such action is solicited.

Please debit the deposit account #50-1752 for any additional amount that may be due.

Respectfully Submitted,



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## VERSION WITH MARKINGS TO SHOW CHANGES MADE

**In the Written Description**

Please amend the Written Description as follows:

Page 13, below line 5, in the second line of the right-hand side of equation "(5b)," after the capital sigma and before "$Lat_i$" insert ---$x_i$---.

$$\begin{bmatrix} n & \sum_{i\in A} x_i & \sum_{i\in A} y_i \\ \sum_{i\in A} x_i & \sum_{i\in A} x_i^2 & \sum_{i\in A} x_i\, y_i \\ \sum_{i\in A} y_i & \sum_{i\in A} x_i y_i & \sum_{i\in A} y_i^2 \end{bmatrix} \begin{bmatrix} b_2 \\ a_{21} \\ a_{22} \end{bmatrix} = \begin{bmatrix} \sum_{i\in A} Lat_i \\ \sum_{i\in A} x_i Lat_i \\ \sum_{i\in A} y_i Lat_i \end{bmatrix} \qquad (5b)$$

Page 13, line 16, in the numerator of the right-hand side of formula "(6)," after "$a_{21}x_i$ +" insert ---$a_{22}y_i$ +---.

$$s = \sqrt{\frac{\sum_{i\in A}\left[\left(\hat{a}_{11}x_i + \hat{a}_{12}y_i + \hat{b}_1 - Lon_i\right)^2 + \left(\hat{a}_{21}x_i + a_{22}y_i + \hat{b}_2 - Lat_i\right)^2\right]}{n-3}} \qquad (6)$$

**In the Claims**

Cancel Claims 1-6.

7. (Amended) [The system of Claim 1 wherein the storage platform comprises] A system

that enables the georeferencing of a digital raster map, comprising:

a processing platform for executing code capable of georeferencing a digital raster map; and

a storage platform comprising cache memory for storing at least the digital raster map, the storage platform being coupled to the processing platform.---

Cancel Claim 8.

9. (Amended) [The system of Claim 1 wherein the storage platform comprises] A system that enables the georeferencing of a digital raster map, comprising:

a processing platform for executing code capable of georeferencing a digital raster map; and

a storage platform comprising non-cache volatile storage for storing at least the digital raster map, the storage platform being coupled to the processing platform.---

Cancel Claims 10-16.

17. (Amended) [The method of Claim 16 further comprising creating a] A data signal comprising a data structure that is capable of georeferencing a raster map, by:

providing for display a first map and a second map, the first map being a digital raster map, and the second map being a previously georeferenced map, the first and second maps covering substantially the same geographic area when they are displayed;

receiving an entry identifying a first point pair, one point being on each map;

receiving an entry identifying a second point pair, one point being on each map, the corresponding points of the point pairs having approximately the same geographic location on each map;

assigning to the points on the first map a longitude coordinate and a latitude coordinate which is identical to the longitude coordinate and latitude coordinate of their corresponding points on the second map: and

computing a georeferencing function based on the pixel coordinates of the points of the first point pair on the first map and the geographic coordinates of the points of the second point pair on the second map.

Amend Claim 18 as follows:

18. (Amended) [The] A [method of] data signal as in Claim [16] 17, [further comprising] wherein:

as a result of the receiving steps, the points of the point pairs comprise [receiving a] marks on the first map at [a] respective locations and [reproducing the] marks on the second map at [a] corresponding locations.

19. (Amended) [The method of Claim 16 further comprising] A data signal as in Claim 17 , wherein:

[using at least four] more than two point pairs are identified and are used to [complete] compute the georeferencing function [for the map based on a linear transformation] pursuant to a transformation technique, and

[further comprising] which further comprises executing a validation check of the georeferencing function pursuant to a standard deviation technique.

20. (Amended) [The method of]A data signal as in Claim 19 [further comprising] wherein the data structure is capable of rejecting a point pair when the point pair deviates a predetermined amount from a predetermined standard error.

21. A data signal as in Claim 19, wherein:

at least four points are identified and are used to compute the georeferencing function pursuant to a general linear transformation.

22. A data signal as in Claim 19, wherein:

at least three points are identified and are used to compute the georeferencing function pursuant to a general rotational linear transformation.

23. A system for georeferencing a digital raster map, comprising

a processing platform for executing code capable of georeferencing a digital raster map; and

a storage platform coupled to the processing platform for storing at least a digital raster map, the storage map comprising

facilities for providing for display a first map and a second map, the first map being a digital raster map, and the second map being a previously georeferenced map, the first and second maps covering substantially the same geographic area when they are displayed;

facilities for receiving an entry identifying a first point pair, one point being on each map;

facilities for receiving an entry identifying a second point pair, one point being on each map, the corresponding points of the point pairs having approximately the same geographic location on each map;

facilities for assigning to the points on the first map a longitude coordinate and a latitude coordinate which is identical to the longitude coordinate and latitude coordinate of their corresponding points on the second map: and

facilities for computing a georeferencing function based on the pixel coordinates of the points of the first point pair on the first map and the geographic coordinates of the points of the second point pair on the second map.